

AMENDMENT UNDER 37 C.F.R. § 1.116

U.S. Appln. No.: 09/914,835

Attorney Docket No.: Q66019

### **AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

#### **LISTING OF CLAIMS:**

1. (canceled).

2. (previously presented): A surface treatment agent comprising:

(A) a metal alkoxide;

(B) a fluorine-containing compound containing a functional group reactive with the metal alkoxide, the fluorine-containing compound being represented by formula  $R_f-X$ , wherein  $R_f$  represents a fluoroalkyl group and  $X$  represents a reactive group selected from the group consisting of a carboxyl group or a sulfonic acid group or a salt thereof, a hydroxy group, an epoxy group, a phosphoric group, an alkoxysilane group, a halogenated silyl group, an isocyanate group and a blocked isocyanate group; and

(C) a reactive group-containing polymer having a reactive group reactive with a substrate to be treated.

3. (original): The surface treatment agent according to Claim 2, wherein a number of alkoxy groups in the metal alkoxide is from 1 to 12.

AMENDMENT UNDER 37 C.F.R. § 1.116

U.S. Appln. No.: 09/914,835

Attorney Docket No.: Q66019

4. (original): The surface treatment agent according to Claim 2, wherein a metal in the metal alkoxide (A) is selected from the group consisting of Si, Ti, Al, Zr, Sn and Fe.

5. (canceled).

6. (original): The surface treatment agent according to Claim 2, wherein the reactive groups in the reactive group-containing polymer (C) are the reactive groups selected from the group consisting of a carboxyl group or a salt thereof, a hydroxy group, an epoxy group, a phosphoric group, an alkoxy silane group, an imine group, a sulfonic group, an amino group, an isocyanate group and a blocked isocyanate group.

7. (original): The surface treatment agent according to Claim 2, wherein the reactive group-containing polymer (C) is a polymer having:

(i) a reactive group selected from the group consisting of a carboxyl group or a salt thereof, a hydroxy group, an epoxy group, a phosphoric group, an alkoxysilane group, an imine group, a sulfonic group, an amino group, an isocyanate group and a blocked isocyanate group; and

(ii) a fluoroalkyl group.

AMENDMENT UNDER 37 C.F.R. § 1.116

U.S. Appln. No.: 09/914,835

Attorney Docket No.: Q66019

8. (original): The surface treatment agent according to Claim 2, wherein the substrate to be treated is one selected from the group consisting of wood, metal, stone, plastics, concrete and glass.

9. (previously presented): An organic-inorganic hybrid material comprising:

(A) a metal alkoxide,

(B) a fluorine-containing compound having a functional group reactive with the metal alkoxide, the fluorine-containing compound being represented by formula  $R_f-X$ , wherein  $R_f$  represents a fluoroalkyl group and  $X$  represents a reactive group selected from the group consisting of a carboxyl group or a sulfonic acid group or a salt thereof, a hydroxy group, an epoxy group, a phosphoric group, an alkoxysilane group, a halogenated silyl group, an isocyanate group and a blocked isocyanate group; and

(C) a reactive group-containing polymer having a reactive group reactive with a substrate to be treated.

10. (previously presented): The surface treatment agent according to Claim 2, further comprising a metal chelating compound (D).

11. (previously presented): The surface treatment agent according to Claim 2, further comprising a polymerizable monomer (E).